

20220707_data_release_notes

Overview of ClinVar submitted records: 2022

Jan 01, 2022	1,895,787
Feb 01, 2022	1,926,598
Mar 01, 2022	1,943,226
Apr 01, 2022	2,162,557
May 01, 2022	2,358,357
Jun 01, 2022	2,373,372
Jul 01, 2022	2,391,042

Overview of changes in the ClinVar release of July 7, 2022

Content

Brief	Explanation
ClinGen Familial Hypercholesterolemia Variant Curation Expert Panel (Organization ID506558 5 08055)	ClinGen Familial Hypercholesterolemia Variant Curation Expert Panel submitted 56 novel variant interpretations.
ClinGen Rett and Angelman-like Disorders Variant Curation Expert Panel (Organization ID 508065)	ClinGen Rett and Angelman-like Disorders Variant Curation Expert Panel submitted 48 novel variant interpretations and an update to 1 record.
ClinGen Platelet Disorders Variant Curation Expert Panel (Organization ID 507662)	ClinGen Platelet Disorders Variant Curation Expert Panel submitted 44 novel variant interpretations and updates to 3 records.
ClinGen Lysosomal Storage Disorder Variant Curation Expert Panel (Organization ID 507522)	ClinGen Lysosomal Storage Disorder Variant Curation Expert Panel submitted 27 novel variant interpretations.
ClinGen ACADVL Variant Curation Expert Panel (Organization ID 508473)	ClinGen ACADVL Variant Curation Expert Panel submitted 25 novel variant interpretations.
ClinGen Mitochondrial Disease Nuclear and Mitochondrial Variant Curation Expert Panel (Organization ID 507881)	ClinGen Mitochondrial Disease Nuclear and Mitochondrial Variant Curation Expert Panel submitted 24 novel variant interpretations.
ClinGen Monogenic Diabetes Variant Curation Expert Panel (Organization ID 508240)	ClinGen Monogenic Diabetes Variant Curation Expert Panel submitted 14 novel variant interpretations.
ClinGen TP53 Variant Curation Expert Panel (Organization ID 507142)	ClinGen TP53 Variant Curation Expert Panel submitted updates to 5 records.
Sema4 (Organization ID 500057)	Sema4 submitted 11,863 novel variant interpretations.
Genome-Nilou Lab (Organization ID 507598)	Genome-Nilou Lab submitted 2,107 novel variant interpretations.
GeneDx (Organization ID 26957)	GeneDx submitted 1,328 novel variant interpretations and updates to 1,544 records.
Laboratorio de Genetica e Diagnostico Molecular, Hospital Israelita Albert Einstein (Organization ID 508506)	Laboratorio de Genetica e Diagnostico Molecular, Hospital Israelita Albert Einstein submitted 1,313 novel variant interpretations.
3billion (Organization ID 507830)	3billion submitted 963 novel variant interpretations.
Clinical Genomics, Uppaluri K&H Personalized Medicine Clinic (Organization ID 508223)	Clinical Genomics, Uppaluri K&H Personalized Medicine Clinic submitted 454 novel variant interpretations.
Center for Precision Medicine, Meizhou People's Hospital (Organization ID 508574)	Center for Precision Medicine, Meizhou People's Hospital submitted 176 novel variant interpretations.

St. Jude Clinical Genomics Lab, St. Jude Children's Research Hospital (Organization ID 506672)	St. Jude Clinical Genomics Lab, St. Jude Children's Research Hospital submitted 163 novel variant interpretations and updates to 3 records.
Seattle Children's Hospital Molecular Genetics Laboratory, Seattle Children's Hospital (Organization ID 506512)	Seattle Children's Hospital Molecular Genetics Laboratory, Seattle Children's Hospital submitted 148 novel variant interpretations.
Mayo Clinic Laboratories, Mayo Clinic (Organization ID 500068)	Mayo Clinic Laboratories, Mayo Clinic submitted 122 novel variant interpretations.

<p>Dates reported for VCV, RCV, and SCV records</p>	<p>We improved how we report dates for VCV, RCV, and SCV records in the XML and the website to help users better understand the history of these records.</p> <p>Due to the history of how we've processed data in ClinVar, we made some assumptions to backfill dates for previous versions. Please contact us (clinvar@ncbi.nlm.nih.gov) if you note any critical inconsistencies.</p> <p>VCV records:</p> <ul style="list-style-type: none"> ▪ First in ClinVar <ul style="list-style-type: none"> ▪ This field is new in ClinVar ▪ The date that the variant was first available in ClinVar. ▪ VCV records were introduced in ClinVar in 2017, so this date may represent the first time the variant was available in ClinVar in an RCV record (prior to the introduction of VCV records) or in both RCV/VCV records. ▪ The July release has a bug that miscalculates this date only as the first time the variant was available in a VCV record; we expect this bug to be fixed in the weekly release for July 17. ▪ XML path: /VariationArchive/@DateCreated ▪ Most recent Submission <ul style="list-style-type: none"> ▪ This field is new in ClinVar ▪ The date of the most recent submission (SCV) for the variant ▪ XML path: /VariationArchive/@MostRecentSubmission ▪ Date last evaluated <ul style="list-style-type: none"> ▪ This field has been reported in the past and is unchanged ▪ The most recent date that the clinical significance was evaluated by a submitter ▪ Date the VCV record was last updated <ul style="list-style-type: none"> ▪ This field has been reported in the past as the date the VCV record was last updated in our internal database. ▪ It was updated to represent the date that the latest update to the VCV record was first publicly available in ClinVar. ▪ This date may represent updates made by ClinVar (e.g. adding HGVS expressions or rs numbers) or by submitters (e.g. a new or updated SCV for the VCV record). ▪ XML path: /VariationArchive/@DateLastUpdated <p>RCV records:</p> <ul style="list-style-type: none"> • First in ClinVar <ul style="list-style-type: none"> • This field has been reported in the past as the date the RCV was created in our internal database. • It was updated to represent the date the RCV record was first publicly available in ClinVar. • XML path: /ClinVarSet/ReferenceClinVarAssertion/@DateCreated • Date last evaluated <ul style="list-style-type: none"> • This field has been reported in the past and is unchanged • The most recent date that the clinical significance was evaluated by a submitter • Date the RCV record was last updated <ul style="list-style-type: none"> • This field has been reported in the past as the date the RCV record was last updated in our internal database. • It was updated to represent the date that the latest update to the RCV record was first publicly available in ClinVar. • This date may represent updates made by ClinVar (e.g. adding HGVS expressions or rs numbers) or by submitters (e.g. a new or updated SCV for the RCV record). • XML path: /ClinVarSet/ReferenceClinVarAssertion/@DateLastUpdated <p>SCV records:</p> <ul style="list-style-type: none"> • First in ClinVar <ul style="list-style-type: none"> • This field has been reported in the past as the date the SCV was created in our internal database. • It was updated to represent the date the SCV record was first publicly available in ClinVar. The July release has a bug that miscalculates this date as the first time the SCV record was generated for public release, rather than actual date of public release; we expect this bug to be fixed in the weekly release for July 17. • RCV XML path: /ClinVarSet/ClinVarAssertion/ClinVarAccession/@DateCreated • VCV XML path: /VariationArchive/InterpretedRecord/ClinicalAssertionList/ClinicalAssertion/@DateCreated • Most recent Submission <ul style="list-style-type: none"> • This field has been reported in the past as the date the most recent update for the SCV was created in our internal database. • It was updated to represent the date the most recent update for the SCV was first publicly available in ClinVar. • RCV XML path: /ClinVarSet/ClinVarAssertion/ClinVarAccession/@DateUpdated • VCV XML path: /VariationArchive/InterpretedRecord/ClinicalAssertionList/ClinicalAssertion/@DateLastUpdated • Date last evaluated <ul style="list-style-type: none"> • This field has been reported in the past and is unchanged • The most recent date that the clinical significance was evaluated by the submitter of the SCV
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Overview of submitted records: 2021

Jan 01, 2021	1,325,194
Feb 01, 2021	1,351,093
Mar 01, 2021	1,353,834
Apr 01, 2021	1,419,210
May 01, 2021	1,441,450
Jun 01, 2021	1,517,898
July 01, 2021	1,602,096
Aug 01, 2021	1,624,873
Sep 01, 2021	1,672,649
Oct 01, 2021	1,809,253
Nov 01, 2021	1,847,096
Dec 01, 2021	1,872,380

Overview of submitted records: 2020

Jan 01, 2020	1,026,969
Feb 01, 2020	1,041,077
Mar 01, 2020	1,055,499
Apr 02, 2020	1,084,731
May 01, 2020	1,136,163
Jun 01, 2020	1,142,645
Jul 01, 2020	1,255,451
Aug 01, 2020	1,302,013
Sep 01, 2020	1,307,377
Oct 01, 2020	1,310,477
Nov 01, 2020	1,315,943
Dec 03, 2020	1,322,303

Overview of submitted records: 2019

Jan 01, 2019	759562
Feb 07, 2019	778673
Mar 01, 2019	782638
Apr 01, 2019	787656
May 01, 2019	795045
Jun 01, 2019	811551
Jul 01, 2019	819827
Aug 01, 2019	825177
Sept 01, 2019	881419

Oct 01, 2019	888298
Nov 01, 2019	889968
Dec 01, 2019	893196

Overview of submitted records: 2018

Jan 01, 2018	579543
Feb 01, 2018	582113
Mar 01, 2018	593651
Apr 01, 2018	610005
May 01, 2018	645149
Jun 01, 2018	676018
Jul 01, 2018	676575
Aug 01, 2018	685942
Sep 01, 2018	701880
Oct 01, 2018	708726
Nov 01, 2018	715516
Dec 01, 2018	749203

Overview of submitted records: 2017

Jan 01, 2017	396005
Feb 01, 2017	405182
Mar 01, 2017	406220
Apr 01, 2017	446265
May 01, 2017	482941
Jun 01, 2017	486420
Jul 01, 2017	488658
Aug 01, 2017	492592
Sep 01, 2017	504299
Oct 01, 2017	512373
Nov 01, 2017	517157
Dec 01, 2017	519359

Overview of submitted records: 2016

Jan 01, 2016	172867
Feb 01, 2016	176710
Mar 01, 2016	178032
Apr 01, 2016	180549

May 01, 2016	181155
Jun 01, 2016	192617
Jul 01, 2016	204415
Aug 01, 2016	209842
Sep 01, 2016	210200
Oct 01, 2016	213499
Nov 01, 2016	236420
Dec 01, 2016	240042

Overview of submitted records: 2015

Jan 01, 2015	149013
Feb 01, 2015	156999
Mar 01, 2015	162455
Apr 01, 2015	171408
May 01, 2015	172044
Jun 01, 2015	173236
Jul 01, 2015	184506
Aug 01, 2015	154686
Sep 01, 2015	158580
Oct 01, 2015	160538
Nov 01, 2015	170931
Dec 01, 2015	172006

Overview of submitted records: 2014

Jan 01, 2014	68204
Feb 01, 2014	73492
Mar 01, 2014	83343
Apr 01, 2014	111501
May 01, 2014	112349
Jun 01, 2014	117209
Jul 01, 2014	127132
Aug 01, 2014	127557
Sep 1, 2014	143114
Oct 1, 2014	143601
Nov 1, 2014	144117
Dec 1, 2014	148008

Overview of submitted records: 2013

Apr 05, 2013	30333
May 01, 2013	30386
Jun 01, 2013	39047
Jul 01, 2013	39170
Aug 01, 2013	45901
Sep 01, 2013	50263
Oct 01, 2013	52047
Nov 01, 2013	64750
Dec 01, 2013	64881